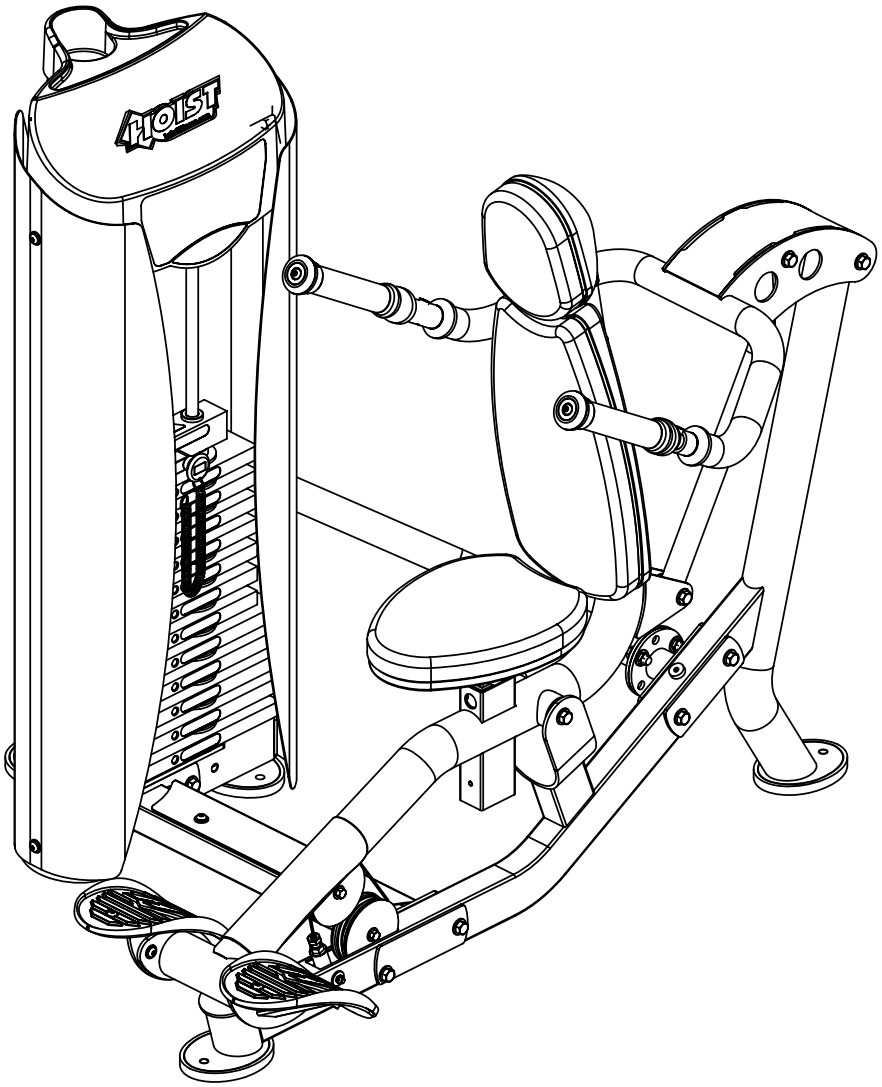
OWNER'S MANUAL

RS-1101

SEATED DIP



Note: Both Serial Number and Model Number are Required when Ordering Parts

RECORD SERIAL NUMBER HERE

CATALOG NUMBER

0406-011

Customer Service

(800) 548-5438

(858) 578-7676

Fax

(858) 578-9558

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INSTRUCTIONS

Before beginning assembly please take the time to read instructions thoroughly. Please use the various lists in this manual to make sure that all parts have been included in your shipment. When ordering, use part number and description from the lists. Use only HOIST replacement parts when servicing. Failure to do so will void your warranty and could result in personal injury.

HOIST equipment is designed to provide the smoothest, most effective exercise motion possible. After assembly, you should check all functions to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call your authorized HOIST dealer. Be sure to have your serial number and this manual when calling. When all parts have been accounted for, continue on.

TOOLS REQUIRED

Ratchet Wrench

1/2", 9/16" and 3/4" Sockets

Adjustable Wrench

Rubber Mallet

Tape Measure

Level

Hex Key Wrench Set

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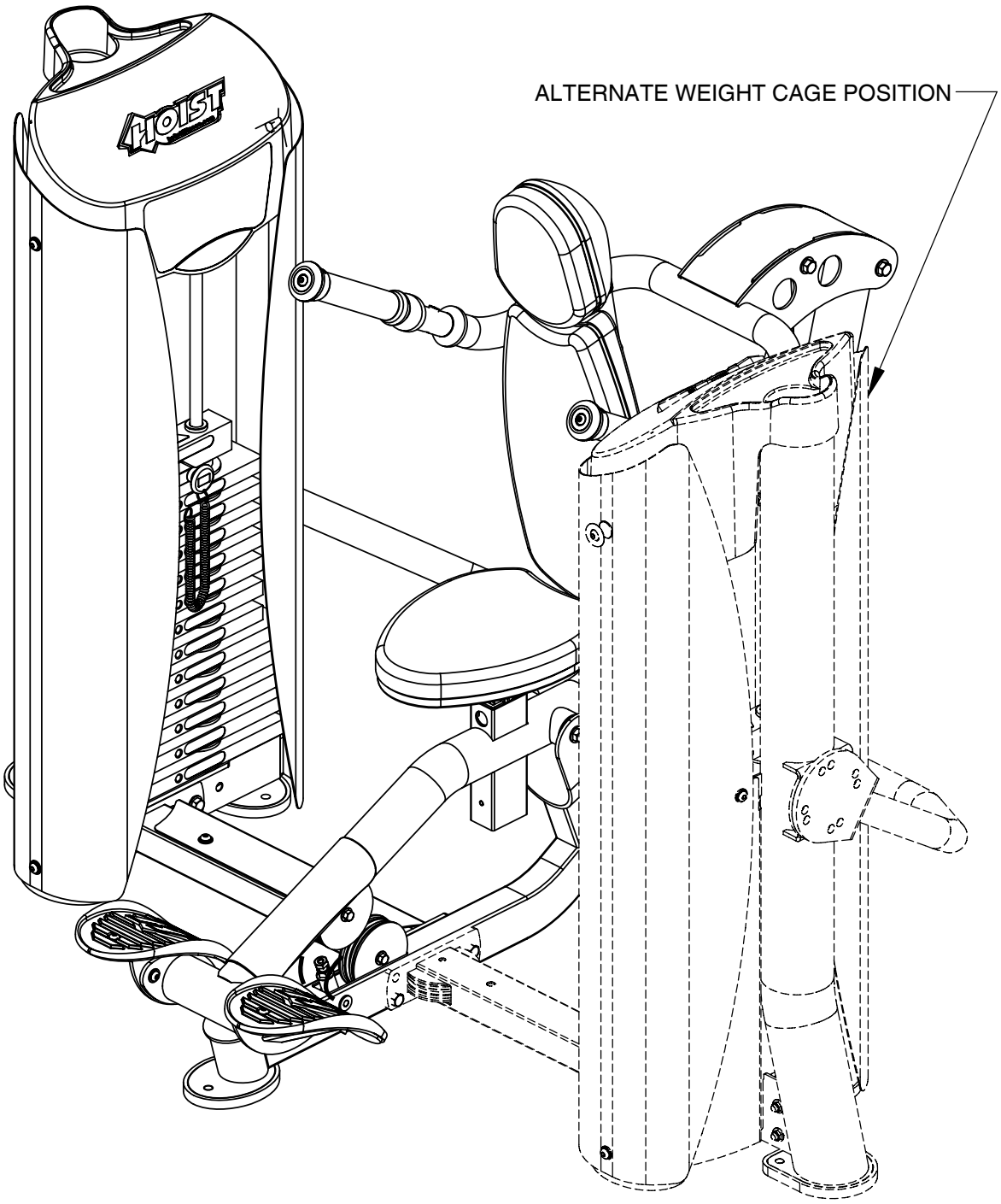
FRAME ASSEMBLY

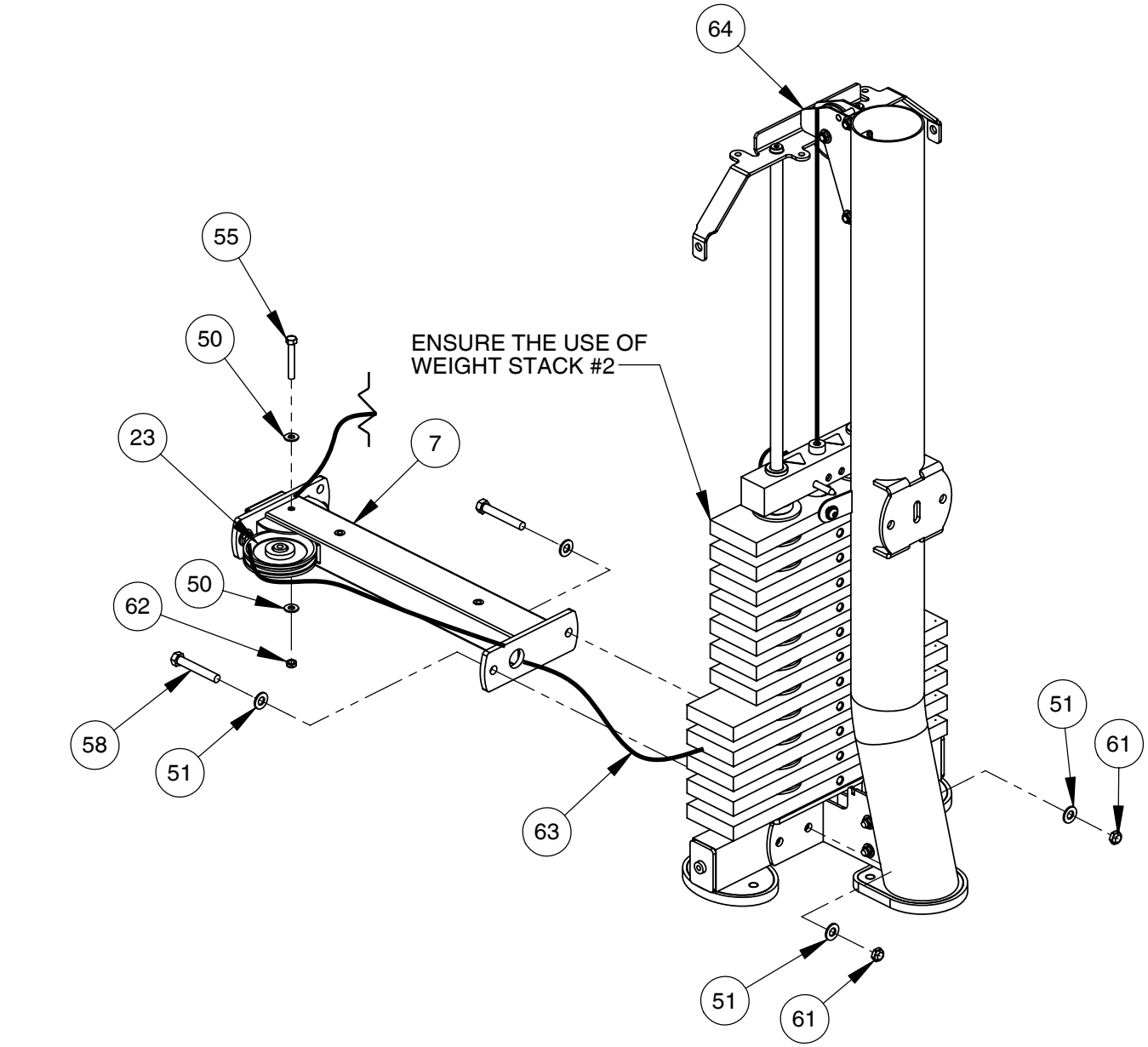


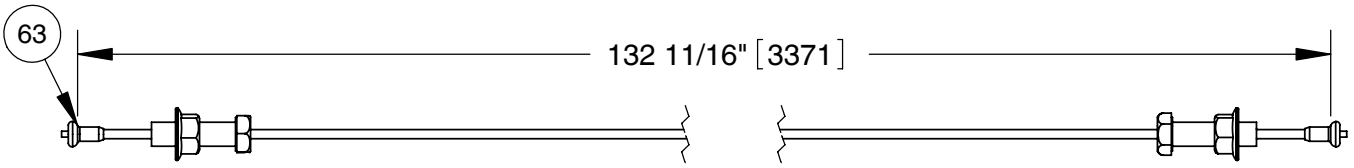
ALTERNATE POSITION

THE ROC-IT WEIGHT CAGE IS DESIGNED TO BE INSTALLED ON EITHER LEFT OR RIGHT SIDE OF THE RS-1101 IN ORDER ACCOMADATE THE USER.

FRAME ASSEMBLY
ASSEMBLE WEIGHT CAGE FIRST

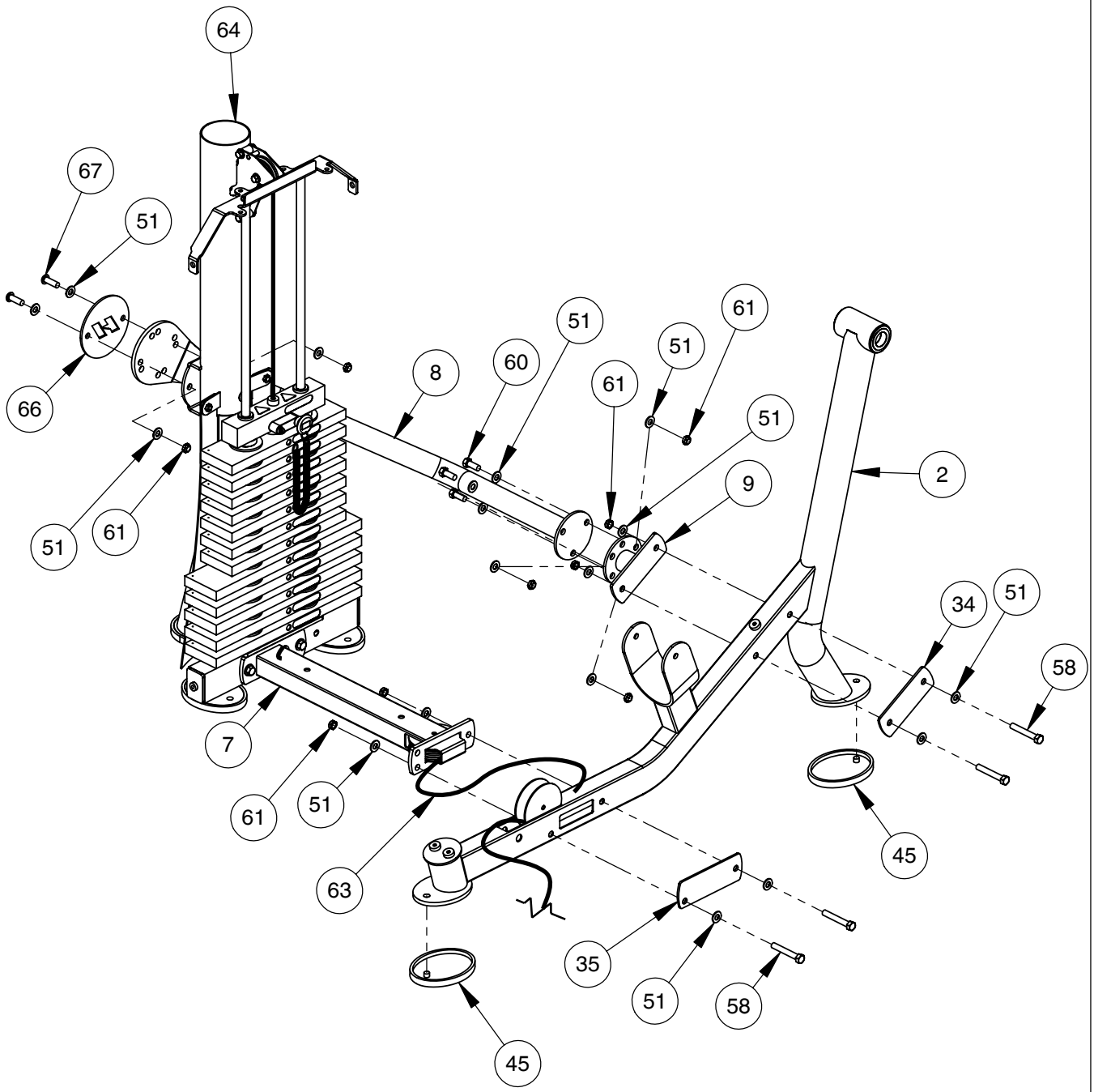
NOTE:
- WRENCH TIGHTEN HARDWARE (55).
- HAND TIGHTEN ALL OTHER HARDWARE.





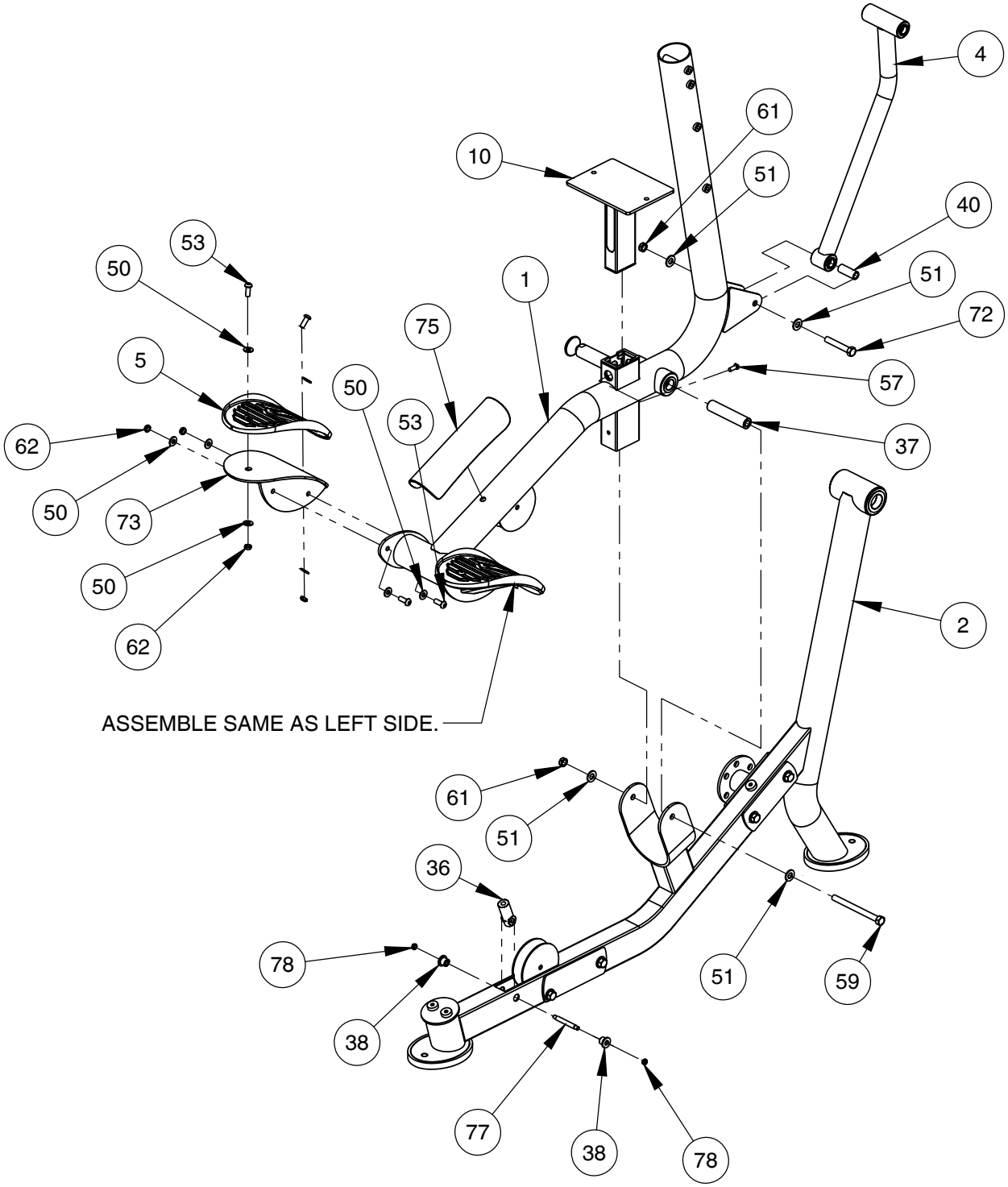
FRAME ASSEMBLY

NOTE:
- WRENCH TIGHTEN HARDWARE.
- WRENCH TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



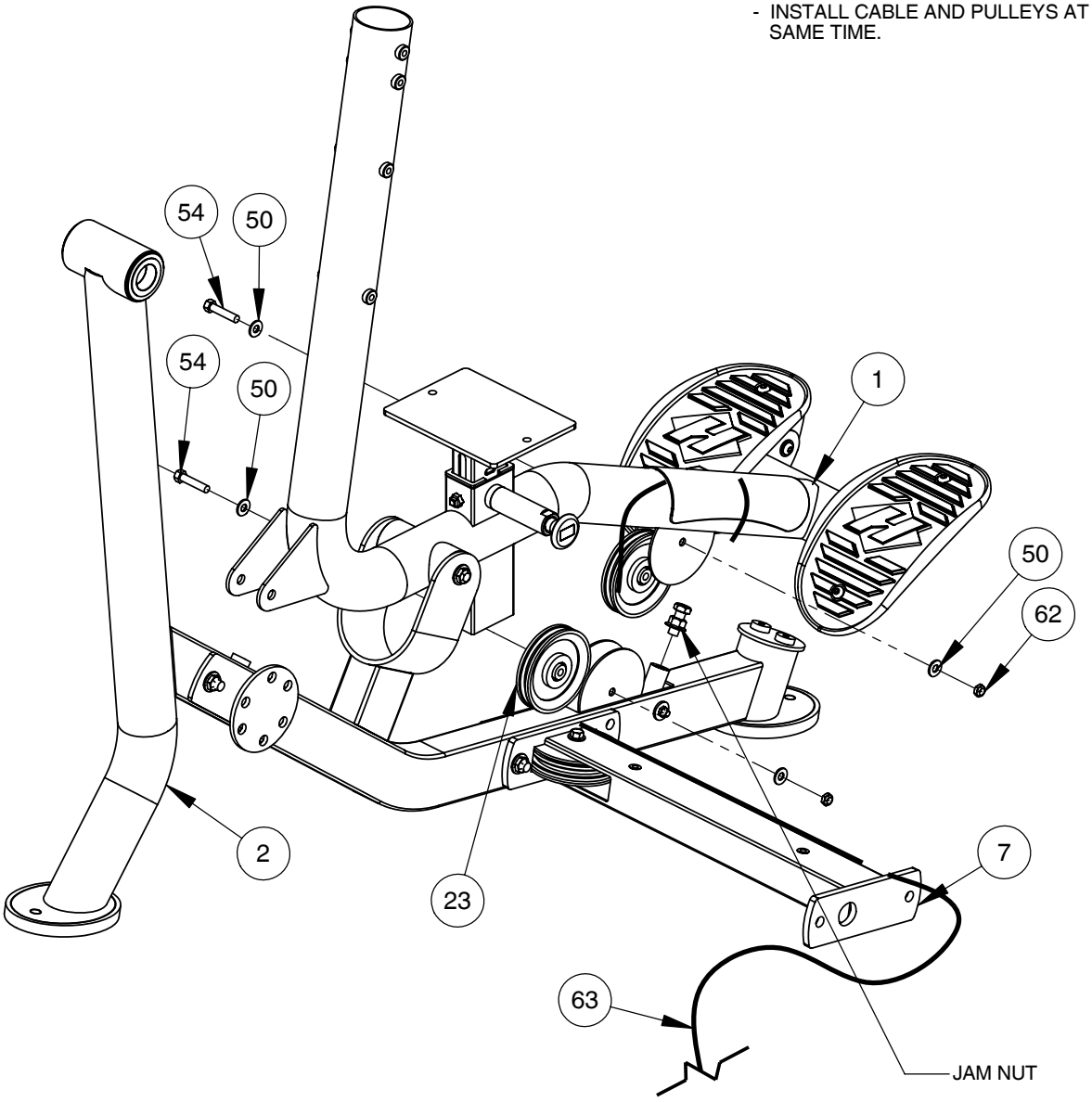
FRAME ASSEMBLY

NOTE:
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.
- WRENCH TIGHTEN HARDWARE (59,72) THEN LOOSEN NUT JUST ENOUGH FOR (1,4) TO PIVOT FREELY.
- WRENCH TIGHTEN ALL OTHER HARDWARE.



FRAME ASSEMBLY

NOTE:
- WRENCH TIGHTEN HARDWARE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.

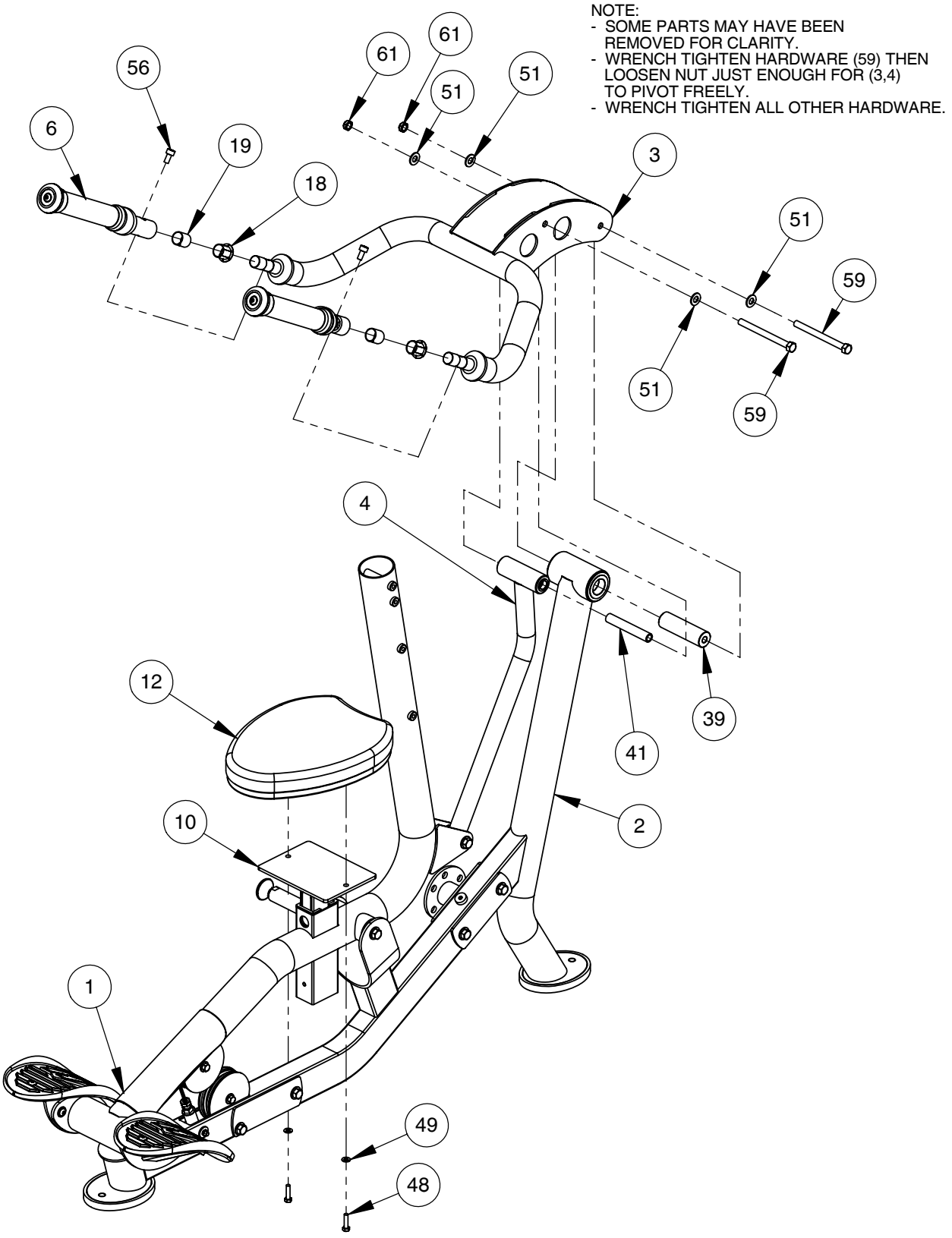


FINE TUNING:

LOOSEN JAM NUT AND THREAD BOLT IN/OUT TO GIVE THE CABLE PROPER TENSION. RE-TIGHTEN JAM NUT.

WARNING - CABLE BOLT MUST BE THREADED A MINIMUM OF 3/8" WITH JAM NUT TIGHTENED SECURELY TO ENSURE PROPER CONNECTION.

FRAME ASSEMBLY

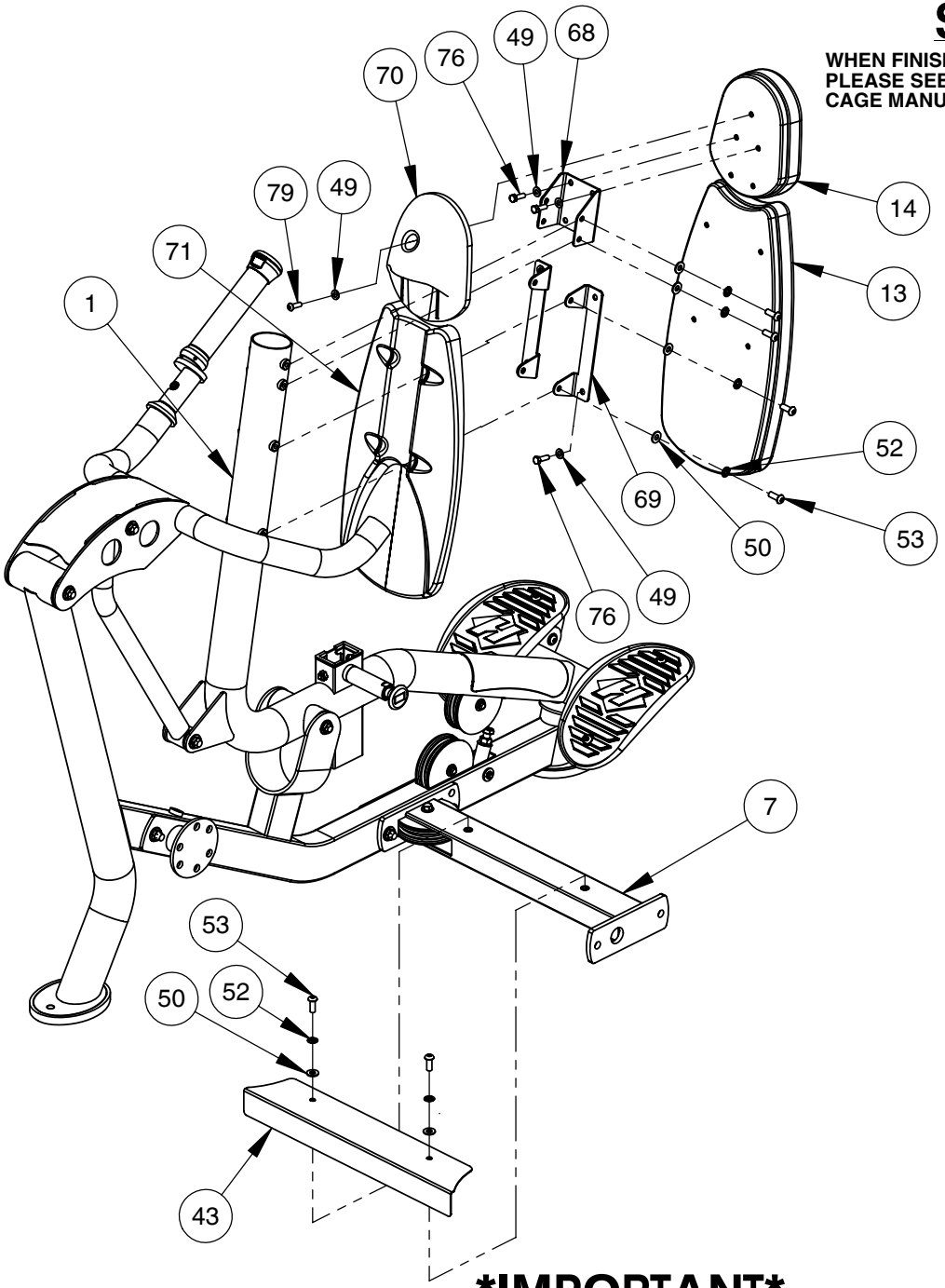


FRAME ASSEMBLY

NOTE:
- WRENCH TIGHTEN HARDWARE.
- REPEAT STEPS FOR OTHER SIDE.
- SOME PARTS REMOVED FOR CLARITY.

STOP

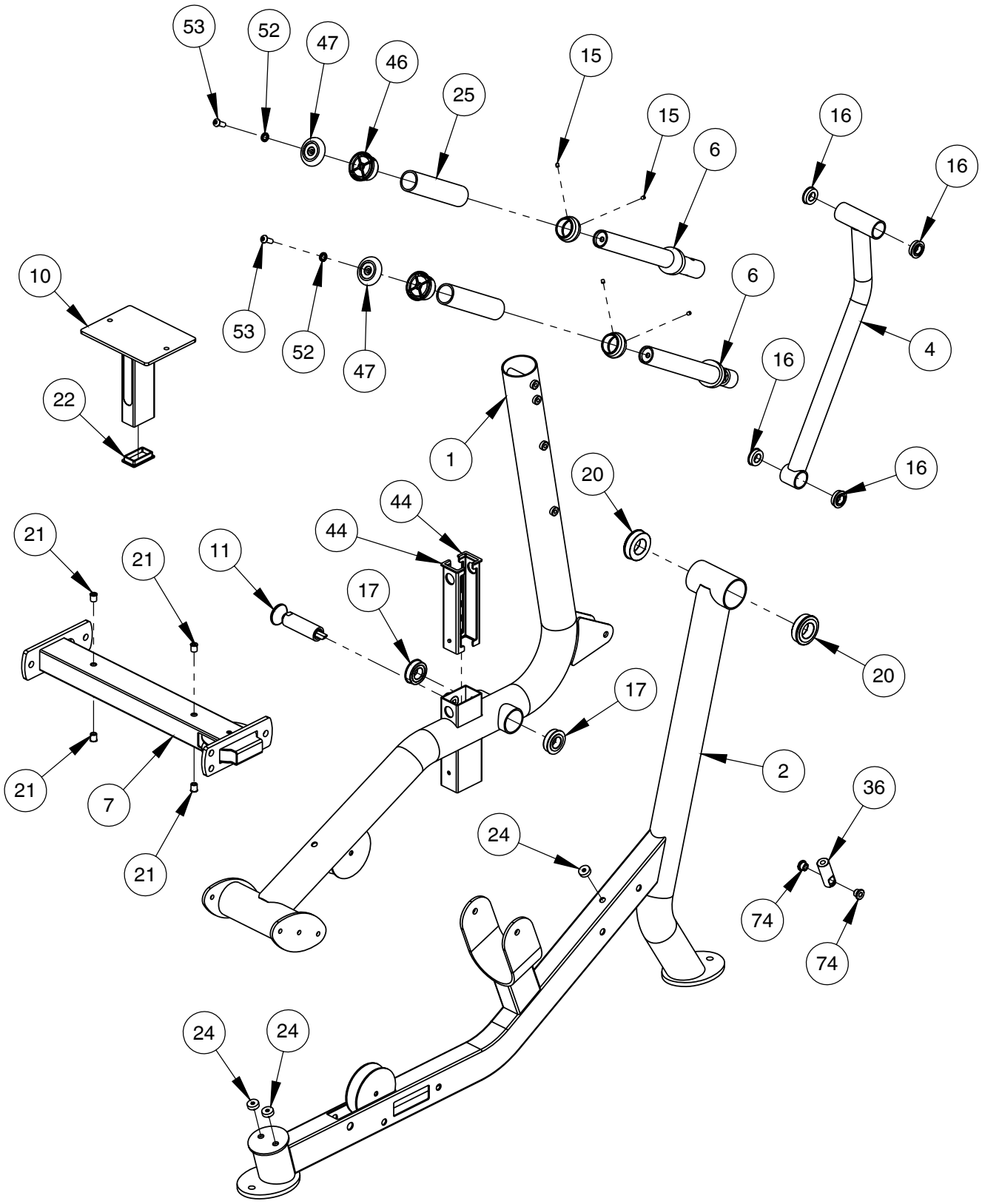
WHEN FINISHED WITH THIS STEP PLEASE SEE ROC-IT WEIGHT CAGE MANUAL FOR FINAL ASSEMBLY.



IMPORTANT

NOW THAT THE RS-1101 MACHINE IS COMPLETELY ASSEMBLED TAKE TIME TO ASSURE THAT YOUR UNIT IS ASSEMBLED SQUARE AND PERPENDICULAR. USE A LEVEL TO CHECK THAT THE GUIDE RODS ARE PERPENDICULAR IN BOTH DIRECTIONS. IF THEY ARE NOT PERPENDICULARIN BOTH DIRECTIONS, IT WILL BE NECESSARY TO LOOSEN SOME FRAME HARDWARE TO RE-ALIGNTHE FRAME AND RETIGHTEN BOLTS.

PRE-ASSEMBLY



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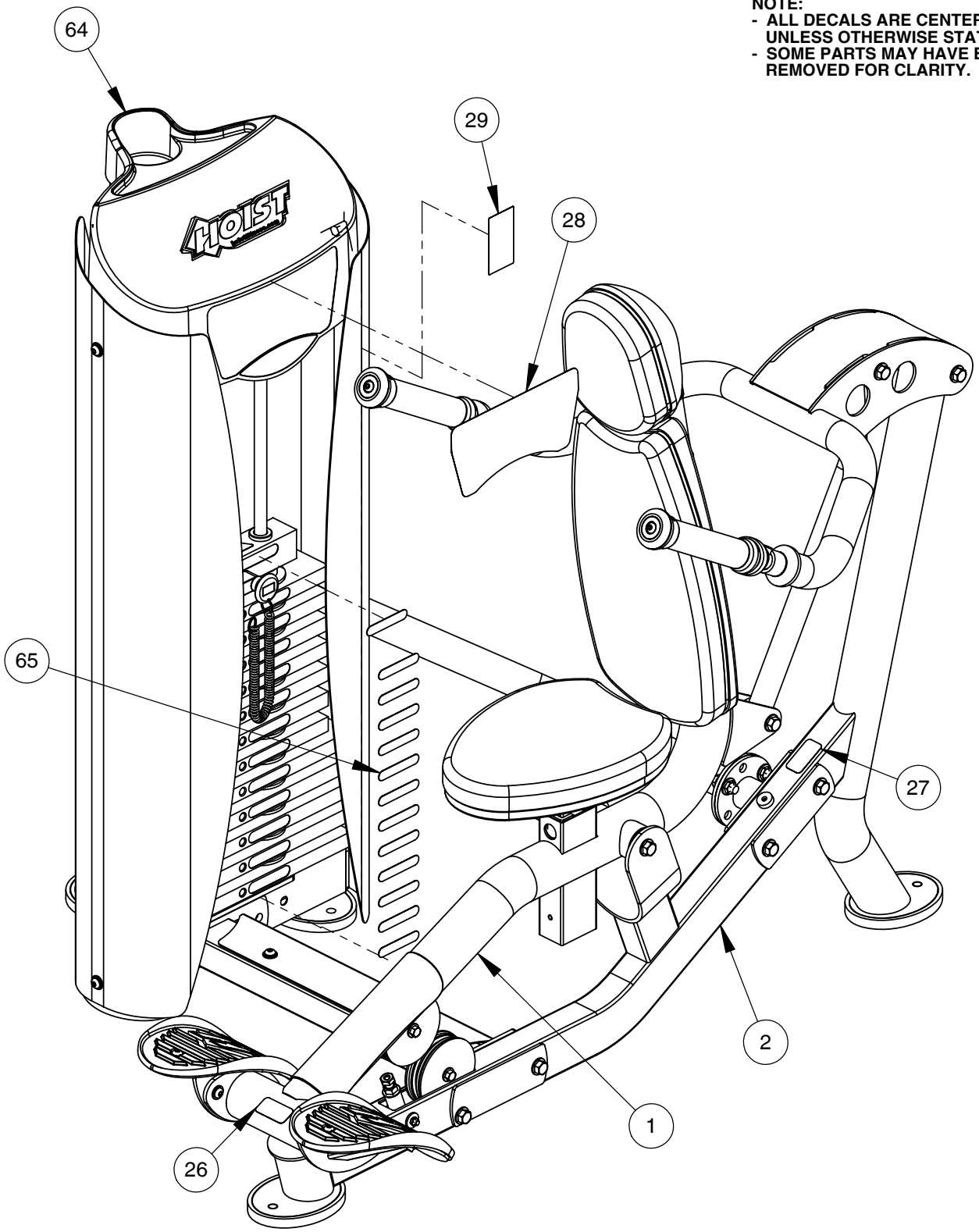
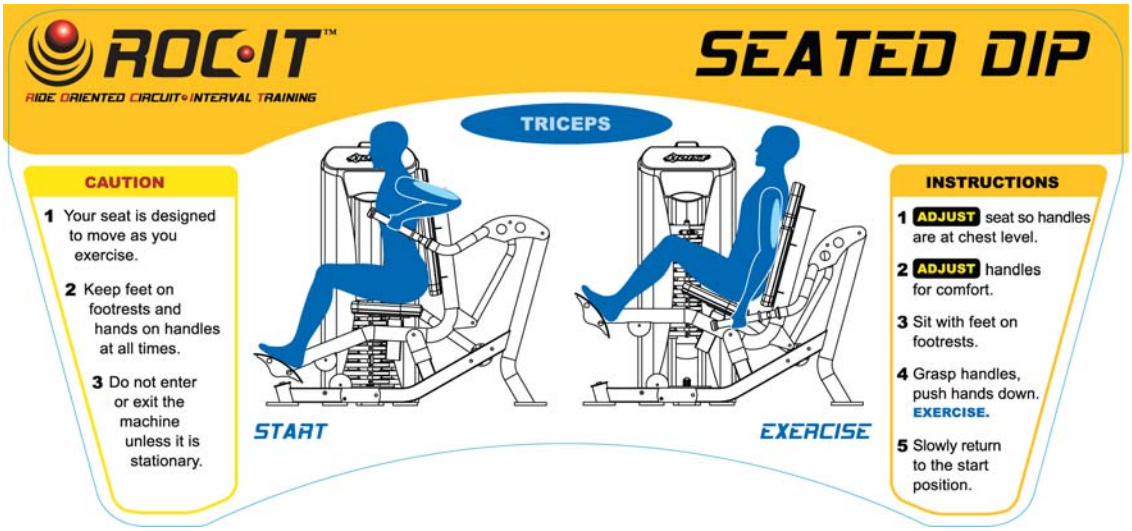
DECAL PLACEMENT

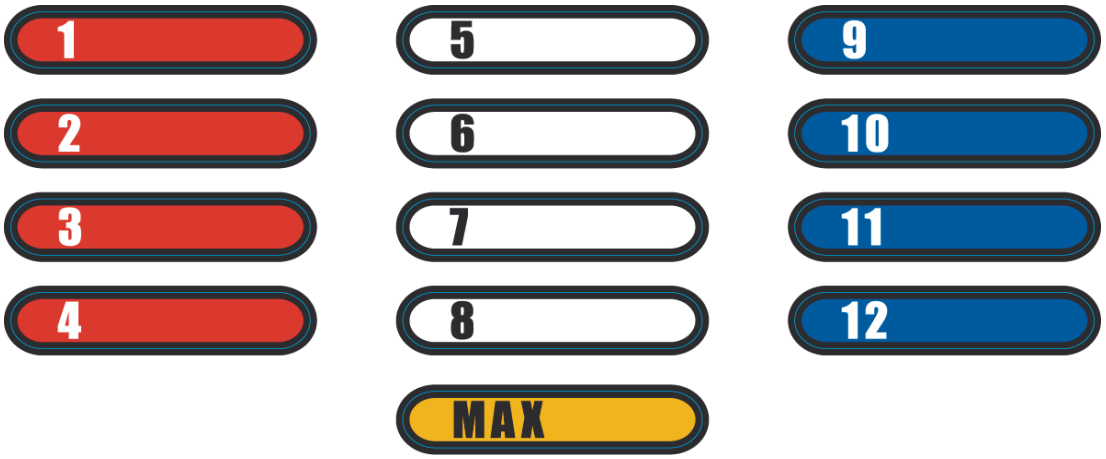
NOTE:
- **ALL DECALS ARE CENTERED UNLESS OTHERWISE STATED.**
- **SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.**



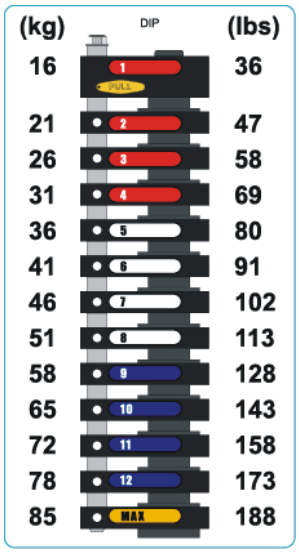
DECAL REFERENCE


ROC-IT
RIDE ORIENTED CIRCUIT INTERVAL TRAINING
SEATED DIP
TRICEPS
CAUTION
1 Your seat is designed to move as you exercise.
2 Keep feet on footrests and hands on handles at all times.
3 Do not enter or exit the machine unless it is stationary.
START
EXERCISE
INSTRUCTIONS
1 ADJUST seat so handles are at chest level.
2 ADJUST handles for comfort.
3 Sit with feet on footrests.
4 Grasp handles, push hands down. EXERCISE.
5 Slowly return to the start position.

021-0013300



021-0003422



021-0003407

021-0003544

021-0003322

021-0003093

PART LIST

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	026-01X2370	MAIN FRAME ASSEMBLY	1
2	026-01X2371	BASE FRAME ASSEMBLY	1
3	026-01X2373	PRESS ARM ASSEMBLY	1
4	026-01X2374	LINK ASSEMBLY	1
5	026-01X2402	FOOT PLATE ASSEMBLY	2
6	026-01X2447	HANDLE ASSEMBLY	2
7	026-01X2581	CROSS MEMBER ASSEMBLY	1
8	026-01X2596	CROSS BAR ASSEMBLY	1
9	026-01X2598	LINKAGE PLATE ASSEMBLY	1
10	026-01X2600	SEAT ASSEMBLY	1
11	026-01X2849	RACHET PULL-PIN ASSEMBLY	1
12	022-01PD2054-A	SEAT PAD ASSEMBLY	1
13	022-01PD2059	BACK PAD ASSEMBLY	1
14	022-01PD2073-A	HEAD PAD ASSEMBLY	1
15	011-0111008	SET SCREW: 1/4"-28 X 1/4" (WZ)	4
16	014-0005001	.75" I.D. BEARING (SMALL)	4
17	014-0009007	∅1.00" I.D. FLANGED BALL BEARING	2
18	014-0011001	NYLINER BUSHING	2
19	014-0011002	BUSHING	2
20	014-0012010	∅1.386" FLANGED BEARING	2
21	014-0014002	3/8-16 FLUSH MOUNT INSERT	4
22	016-0001003	END CAP 1.50" X 2.50" (BLACK)	1
23	018-0001003	∅4.50" CABLE PULLEY	3
24	019-0001001	PLUG BUMPER	3
25	019-0002048	OPEN END GRIP ∅1.50" X 7.25" LG.	2
26	021-0003093	DECAL MOVING PARTS (HORIZONTAL)	1
27	021-0003322	DECAL PINCH POINT 1.25" X 2.50" (VERTICAL)	1
28	021-0013300	PLACARD ROC-IT-101 SEATED DIP	1
29	021-0003407	DECAL ROC-IT WEIGHT RATIO SEATED DIP	1
30	021-0003544	ADJUST 1-5 DECAL VERTICAL TXT.	1
31	021-0003416	DECAL - WIDE	2
32	021-0003417	DECAL - NARROW	2
33	021-0003427	DECAL ADJUST	2
34	026-01P3021	BACKING PLATE	1
35	026-01F0256	BACKING PLATE	1
36	026-01M1103	THREADED CABLE ANCHOR	1
37	026-01M0660	SHAFT ∅ 1.00" X 4.69" LG.	1
38	026-01M0760	HEAVY FLANGED SPACER .391" I.D. X .50" LG.	2
39	026-01M0920	SHAFT ∅1.38" X 4.69" LG.	1

PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
40	026-01M0924	SHAFT ∅.75" X 1.92" LG.	1
41	026-01M0925	SHAFT ∅.75" X 4.69" LG.	1
42	026-01M0935	∅1.5" ID ALUMINUM RING	2
43	026-01P2650	CABLE SHIELD	1
44	026-01PL0125-125	E-Z GLIDE PLASTIC SLEEVE	2
45	026-01PL2122	OVAL-SHAPED RUBBER FOOT	2
46	026-01PL2158	∅1.50" PLASTIC KNOB - BASE	2
47	026-01PL2159	∅1.50" PLASTIC KNOB - CAP	2
48	011-0107011	5/16"-18UNC X 1.25" HHB (WZ)	2
49	013-0302008	5/16" SAE FLAT WASHER (WZ)	11
50	013-0402007	3/8" X 22mm FLAT WASHER (WZ)	32
51	013-0102003	1/2" X 27mm SAE FLAT WASHER (WZ)	30
52	013-0102022	3/8" INTERNAL LOCK WASHER	12
53	011-0101026	3/8"-16UNC X 1.00" BHCS (WZ)	20
54	011-0407020	3/8"-16UNC X 1.75" HHB (WZ)	2
55	011-0107032	3/8"-16UNC X 2.50" HHB (WZ)	1
56	011-0101005	3/8"-16UNC X .75 SHB (WZ)	2
57	011-0311013	3/8-16UNC X .75" SQUARE HEAD (WZ)	1
58	011-0107034	1/2"-13UNC X 3.25" HHB (WZ)	6
59	011-0107036	1/2"-13UNC X 5.75" HHB (WZ)	3
60	011-0107045	1/2"-13UNC X 1.25" HHB (WZ)	3
61	012-0304011	1/2"-13 UNC THIN NYLOCK NUT (WZ)	15
62	012-0104008	3/8"-16 UNC THIN NYLOCK NUT (WZ)	11
63	010-01C0357	CABLE ASSEMBLY ROC-IT 101 - 132 11/16"LG.	1
64	ROC-IT WEIGHT CAGE	ROC-IT WEIGHT CAGE	1
65	021-0003422	DECAL ROC-IT WEIGHT STACK (1-12)	1
66	026-01P2653	'H' PLATE	1
67	011-0101047	1/2"-13UNC X 1.50" BHCS (WZ)	2
68	026-01P2907	HEAD BRACKET MOUNT	1
69	026-01P2929	BACK BRACKET MOUNT	2
70	022-01PD2073-5	HEAD PAD PLASTIC BACKING	1
71	022-01PD2059-5	PLASTIC BACKING	1
72	011-0107030	1/2"-13UNC X 3.00" HHB (WZ)	1
73	026-01X2975	FOOT PLATE MOUNT ASSEMBLY	2
74	014-0101020	∅.38" I.D. x .50" OILITE BUSHING	2
75	026-01PL2197	PLASTIC SCUFF GUARD 11.05" LG.	1
76	011-0107029	5/16"-18UNC X 1.00" HHB (WZ)	8
77	026-01M1137	∅3/8" X 3 1/16" LG. CABLE ANCHOR SHAFT	1
78	012-0102006	5/16"-18UNC THICK NYLOCK NUT (WZ)	2
79	011-0101067	5/16"-18UNC X 1.00" BHCS (WZ)	1

BZ = Black Zinc

WZ = White Zinc

FHCS = Flat Head Cap Screw

BHCS = Button Head Cap Screw

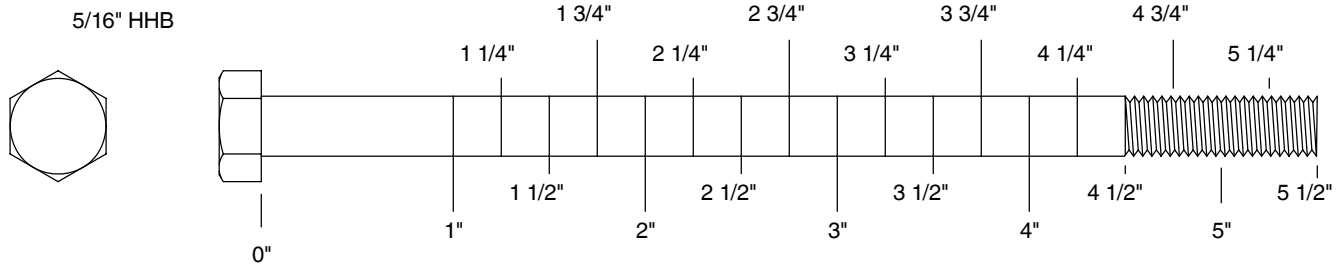
SHCS = Socket Head Cap Screw

HHB = Hex Head Bolt

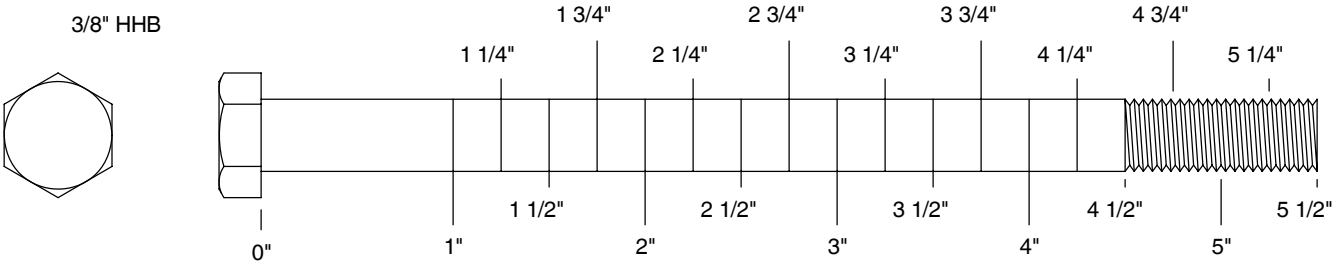
SHSS = Socket Head Shoulder Screw

BOLT SIZING CHART

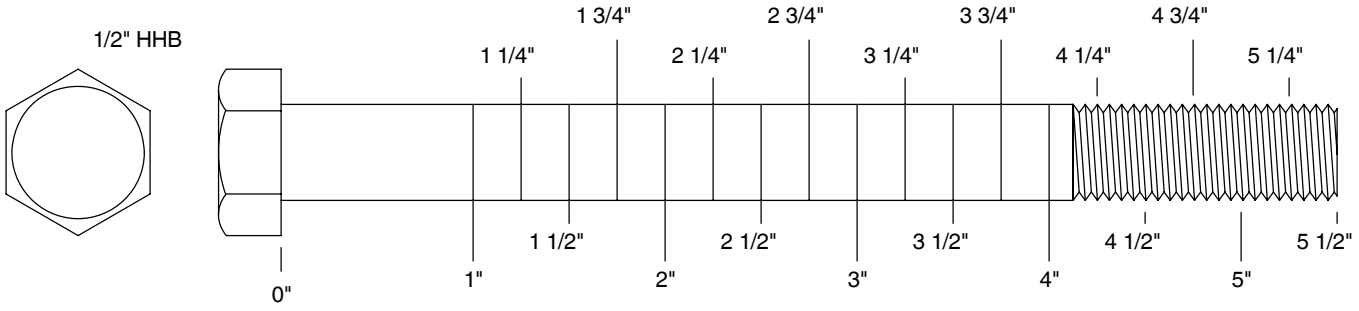
5/16" HHB



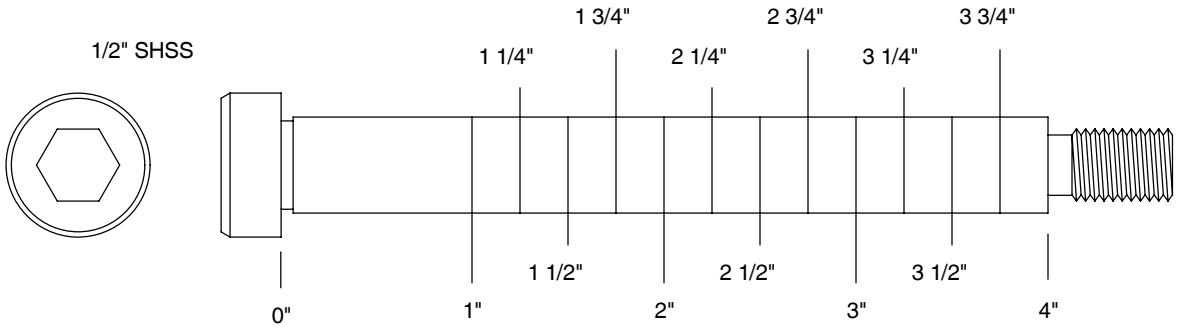
3/8" HHB



1/2" HHB

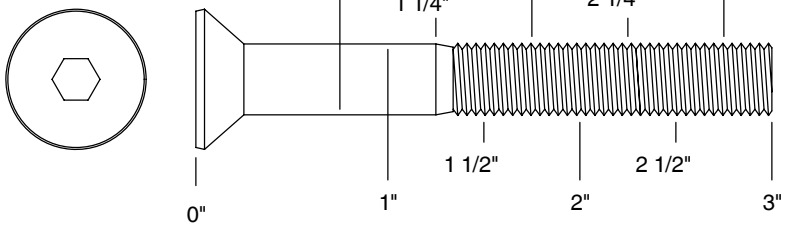


1/2" SHSS

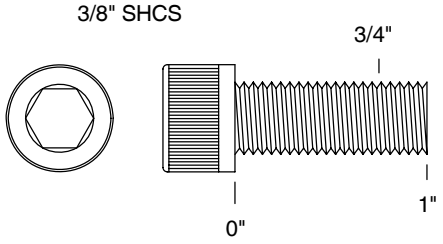


BOLT SIZING CHART
(CONTINUED)

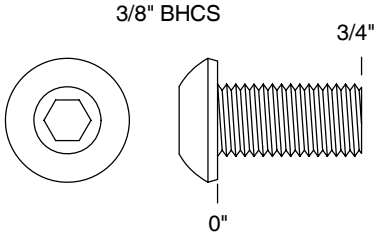
3/8" FHCS



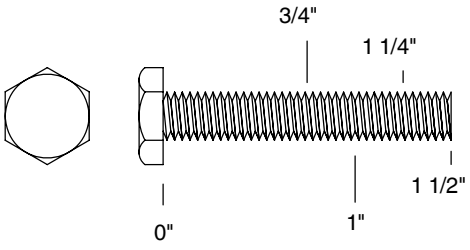
3/8" SHCS



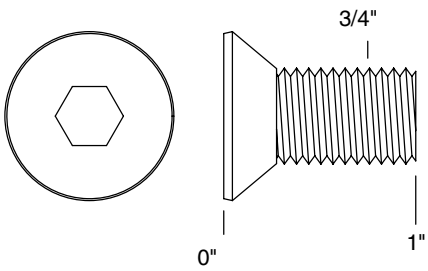
3/8" BHCS



1/4" HHB

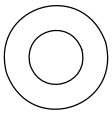


1/2" FHCS

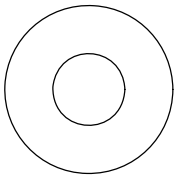


WASHER SIZING CHART

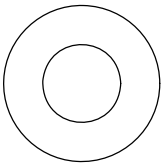
013-0002003
1/4"
FLAT WASHER
SMALL, SAE, 13mm



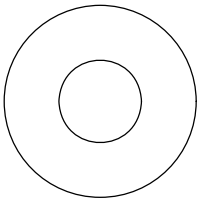
013-0102004
5/16"
FLAT WASHER
LARGE, USS, 22mm



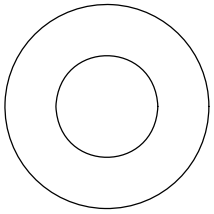
013-0002004
3/8"
FLAT WASHER
SMALL, SAE, 21mm



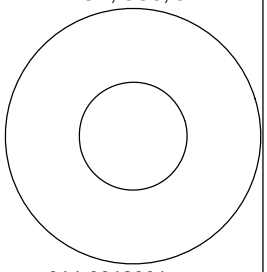
013-0402005
3/8"
FLAT WASHER
LARGE, USS, 25mm



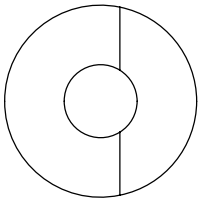
013-0102003
1/2"
FLAT WASHER
SMALL, SAE, 27mm



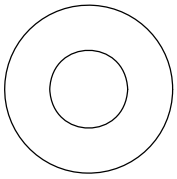
013-0102026
1/2"
FLAT WASHER
LARGE, USS, 34mm



013-0102028
3/8"
CURVED WASHER

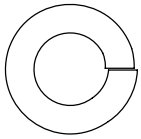


013-0402007
3/8"
FLAT WASHER
22mm O.D.

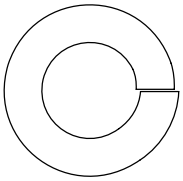


013-0102019
1/4"
LOCK WASHER

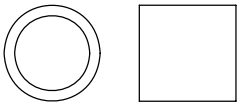
013-0102020
3/8"
LOCK WASHER



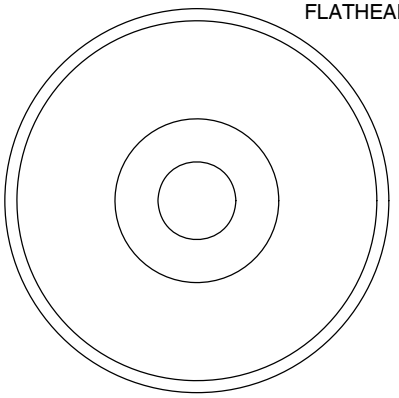
013-0102018
1/2"
LOCK WASHER

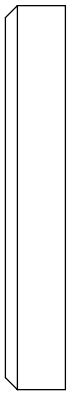


014-0018001
1/2" LONG
SPACER

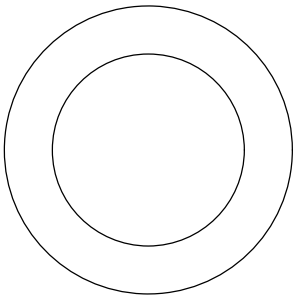


026-01M0238
2" ALUMINUM
FLATHEAD CAP

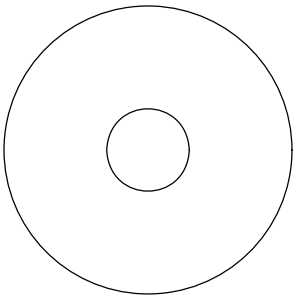




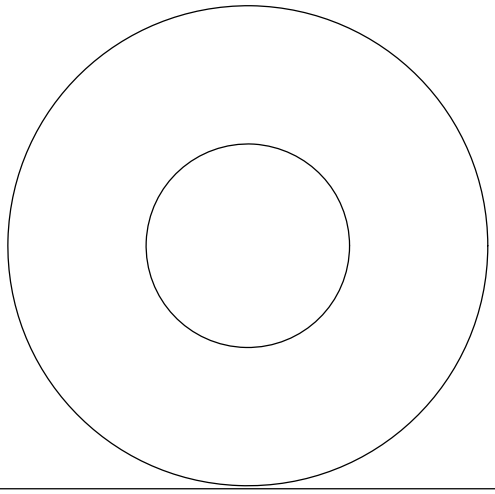
016-0009003
1" SHIM WASHER



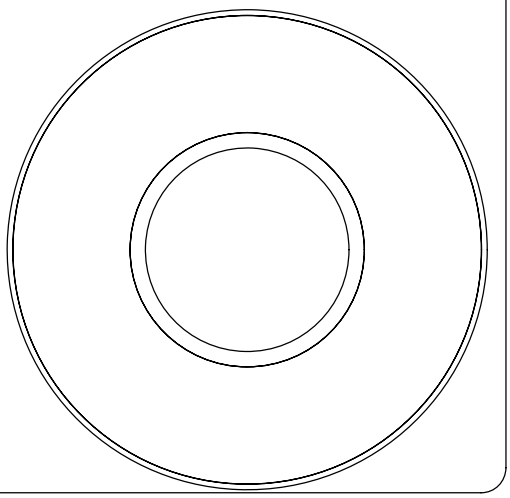
013-0003002
3/8" FENDER WASHER



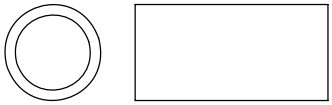
013-0003004
1 1/16"
FENDER WASHER



026-01PL151
PLASTIC 1 1/16"
FENDER WASHER

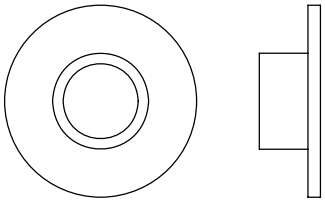


014-0018002
1" LONG
SPACER

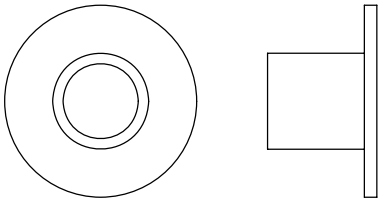


WASHER SIZING CHART
(CONTINUED)

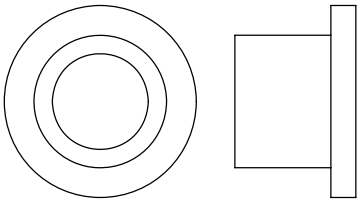
026-01M0211
1/4" LONG
FLANGED SPACER



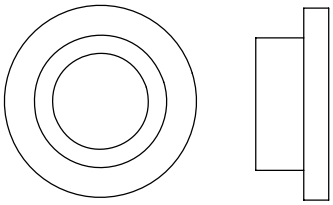
026-01M0198
1/2" LONG
FLANGED SPACER



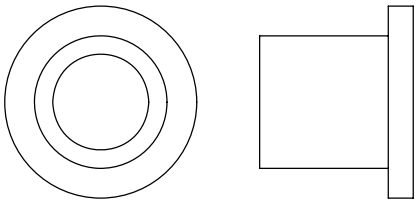
026-01M0760
1/2" LONG HEAVY
FLANGED SPACER



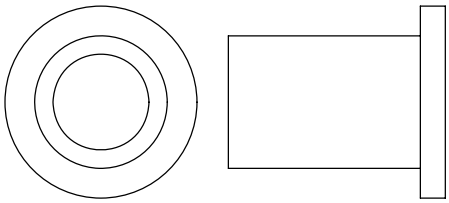
026-01M211T
1/4" LONG HEAVY
FLANGED SPACER



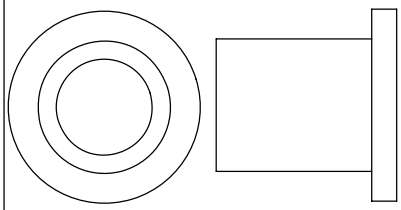
026-01M0532
11/16" LONG HEAVY
FLANGED SPACER



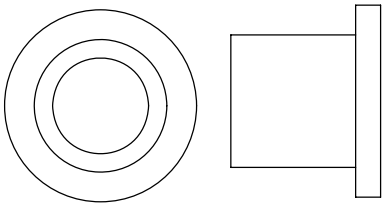
026-01M0551
1" LONG HEAVY
FLANGED SPACER



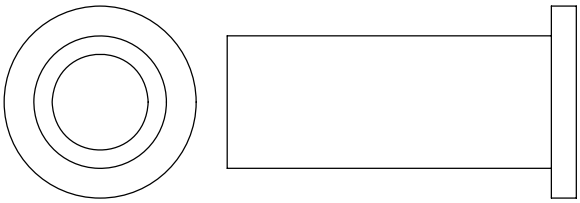
026-01M0788
.81" LONG HEAVY
FLANGED SPACER



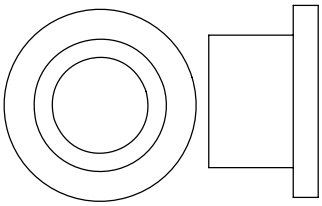
026-01M0780
.65" LONG HEAVY
FLANGED SPACER



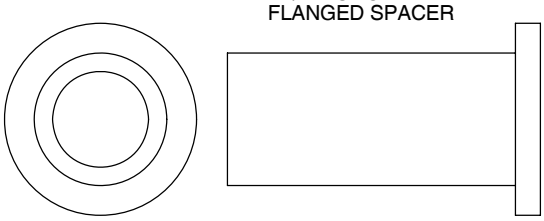
026-01M0761
1 11/16" LONG HEAVY
FLANGED SPACER



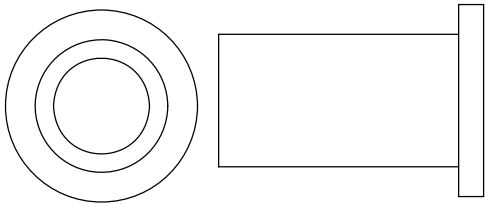
026-01M0789
.44" LONG HEAVY
FLANGED SPACER



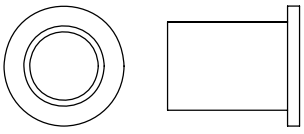
026-01M0762
1 1/2" LONG HEAVY
FLANGED SPACER



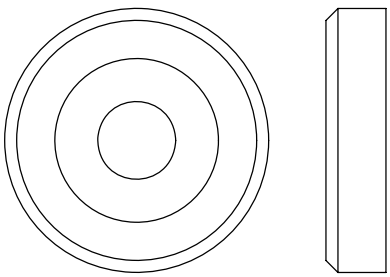
026-01M0768
1 1/4" LONG HEAVY
FLANGED SPACER



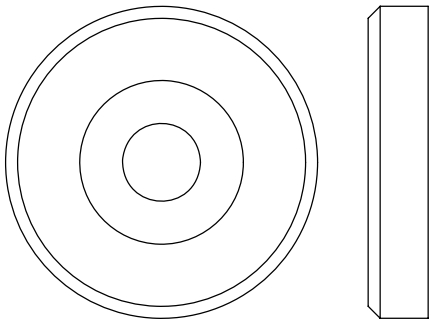
026-01M0600
.625" LONG
FLANGED SPACER



026-01M0240
1 3/8" ALUMINUM
FLATHEAD CAP



026-01M0239
1 5/8" ALUMINUM
FLATHEAD CAP



MAINTENANCE SCHEDULE

ROUTINE	*COMMERCIAL MAINTENANCE*	*HOME MAINTENANCE*	*LATEST DATE ENTRY*								
Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	DAILY	WEEKLY									
Clean; Upholstery	DAILY	WEEKLY									
Inspect; Cables or Belts and their tension	DAILY	WEEKLY									
Inspect; Accessory Bars, and Handles	WEEKLY	3 MONTHS									
Inspect; All Decals	WEEKLY	3 MONTHS									
Inspect; All Nuts and Bolts, Tighten if needed	WEEKLY	3 MONTHS									
Inspect; Anti-Skid Surface	WEEKLY	3 MONTHS									
Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)	MONTHLY	3 MONTHS									
Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing	MONTHLY	3 MONTHS									
Clean and Wax; All Glossy Finishes	6 MONTHS	YEARLY									
Repack with Grease; Linear Bearings	6 MONTHS	YEARLY									
Replace; Cables, Belts and Connecting Parts	YEARLY	3 YEARS									

Your equipment comes with a commercial maintenance decal.
For personal, in home use, please follow the home maintenance schedule listed above.

HOIST FITNESS SYSTEMS
GENERAL MAINTENANCE INFORMATION

Links, Pull-Pins, Snap Hooks, Swivels, Weight Stack Pins:

- **Check all pieces for signs of visible wear or damage.**
- **Check springs in snap hooks and pull-pins for proper tension and alignment.**
- **If the spring sticks or has lost its rigidity, replace it immediately.**

Upholstery:

- **To ensure prolonged upholstery life and proper hygiene, all upholstered pads should be wiped down with a damp cloth after every workout.**
- **Periodically take the time to use a mild soap or an approved vinyl upholstery cleaner to deter the onset of cracking or drying. Avoid using any abrasive cleaners or cleaners not intended for use on vinyl.**
- **Replace ripped or warn upholstery immediately.**
- **Keep sharp or pointed objects clear of all upholstery.**

Decals:

- **Inspect and familiarize yourself with any safety warnings or other user information posted on each decal.**

Nuts and Bolts:

- **Inspect all nuts and bolts for any loosening and tighten if needed.**
- **Go through a re-tightening sequence periodically to ensure that all hardware is tensioned proper.**

Anti-Skid Surfaces:

- **These surfaces are designed to supply secure footing and need to be replaced if they appear worn or become slippery.**

Belts and Cables:

- **Hoist uses only high quality belt, and mil-spec cables.**
- **Visually inspect the belts and cables for fraying, cracking, peeling or discoloration.**
- **While the machine is not in use, carefully run your fingers along the belt or cable to feel for thinning or bulging areas.**
- **Replace belts and cables immediately at the first signs of damage or wear. Do not use equipment until belts or cables have been replaced.**

GENERAL MAINTENANCE INFORMATION

(CONTINUED)

Belt and Cable Tension:

- **Referring to the Owners Manual, when belts or cables are used check all bolts attachments to be sure they are properly attached.**
- **Check slack in cables and re-adjust cable tension if needed.**

Seat Sleeves, Guide Rods:

- **Wipe down adjusting tubes with a dust free rag before applying lubricant.**
- **Lubricate seat sleeves and Guide Rods with a Silicon or Teflon based lubricant spray.**

Linear Bearings:

- **Referring to the Owners Manual carefully disassemble the bearing from its housing and place a finger full of light grease (lithium, super lube, etc.) into the inside of the bearing. Using your finger, press the grease into the ball-bearings and their tracks. repeat until the ball-bearing tracks are full of grease. Insert the shaft back into the bearing and wipe off excess grease.**

PLEASE KEEP THIS FOR YOUR RECORDS

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WEIGHT TRAINING TIPS

Always consult your physician before starting any exercise program.

To be successful in your exercise program, it is important to develop an understanding of the basic principles of strength training. Now that you have your RS-1101 HOIST® Fitness System, it is only natural that you want to get started immediately. First, determine a set of realistic goals and objectives for yourself. By deciding on an exercise plan that is right for you prior to starting, you will contribute significantly to your success.

Warm up properly before engaging in weight resistance training. Stretching, yoga, jogging, calisthenics or other cardiovascular exercise can help prepare your body for the heavier workload of lifting weights.

Learn how to perform the exercise correctly before using heavy weight. Correct form is important to avoid injury and to ensure that you work the proper muscle groups.

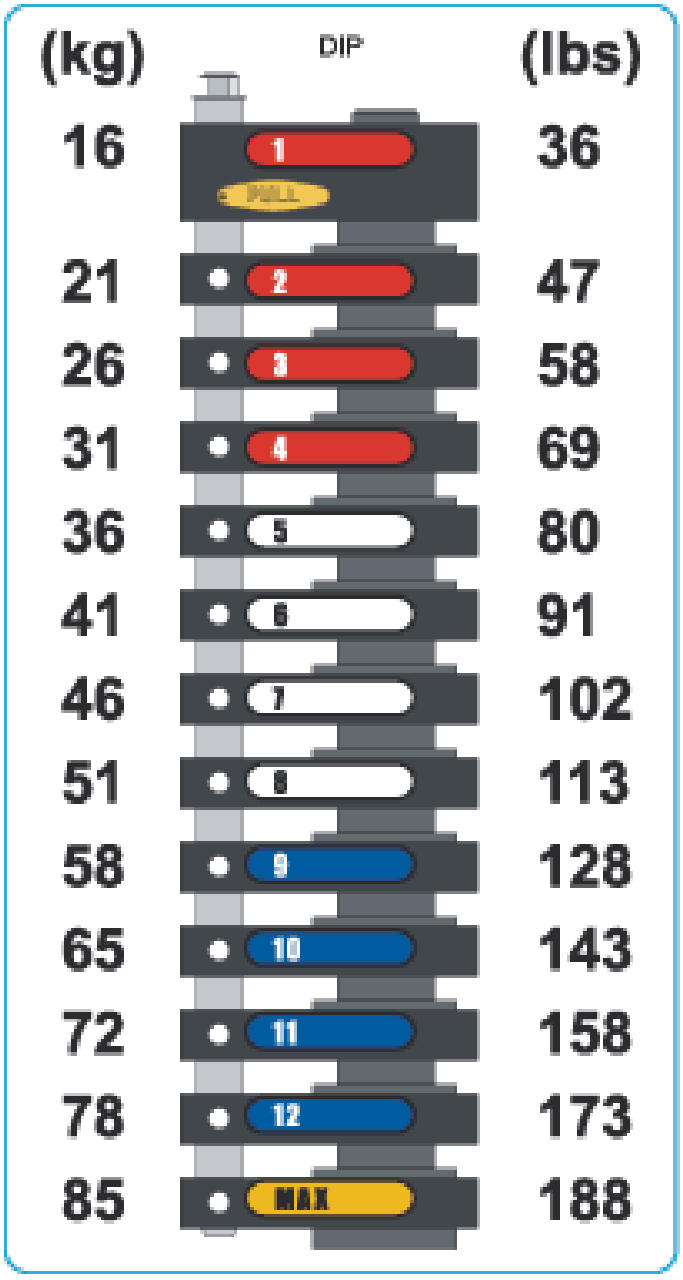
Know your limitations. If you are new to weight training or are embarking on an exercise regimen after a long layoff, start slowly and build foundational strength over a longer period of time.

Pay attention to your breathing. Exhale when you exert is a general rule of thumb. Never hold your breath.

To gain maximum results and avoid possible injury, consult a fitness professional to develop your complete exercise program.

Enjoy your RS-1101 HOIST Fitness System!

WEIGHT RATIOS



The above chart shows the standard weight stack for this unit. The weights listed are approximate. HOIST reserves the right to modify the machine without prior notice.

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WEIGHT TRAINING EXERCISE LOG

S = Sets R = Repetition per set W = Weight used

Date																																
Exercise	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W	S	R	W
Totals																																

HOIST FITNESS SYSTEMS
LIMITED LIFETIME WARRANTY

Hoist Fitness Systems warrants this product to the **original purchaser** to be free from defects in workmanship and/or materials under normal use or service. If at any time a component part is defective, Hoist Fitness Systems shall repair or replace it (at Hoist Fitness Systems option) within a reasonable period of time. This warranty does not cover costs of removal. transportation or reinstallation. This warranty shall not apply if the defect was caused by misuse, neglect or normal wear and tear.

WARRANTY CLAIMS. All claims require: Model number, Serial number, Date of installation, and any information supporting the existence of the alleged defect.

To complete Warranty Registration visit:
www.HOISTFITNESS.com
and click on the Warranty Registration link

Starting from the original date of purchase, normal wear and tear shall be considered as the following:

COMMERCIAL USE: All malfunctions of upholstery, grips, paint, and chrome that occur after one year; all malfunctions of electronic components, belts, or cables after one year; all malfunctions of pulleys, bearings, or bushings that occur after five years. The frame and all welded components are warranted for the life of the product.

HOME USE: All malfunctions of grips, paint, and chrome that occur after ten years; all malfunctions of electronic components, belts, cables, or upholstery that occur after ten years; all malfunctions of pulleys, bearings, or bushings that occur after ten years. The frame and all welded components are warranted for the life of the product.

PLEASE NOTE THAT NOT ALL HOIST PRODUCTS ARE MADE FOR COMMERCIAL USE.

Refer to the instructions page of your owners manual or consult with you fitness product dealer to establish if a product is made for commercial use or not. Using a non-commercial product in a commercial setting can result in serious injury or death!

Hoist Fitness Systems sole responsibility shall be to repair or replace the component within the terms stated above. Hoist Fitness Systems shall not be liable for any loss or damage of any kind including any incidental or consequential damages resulting, directly or indirectly from any warranty expressed or implied or any other failure of this product.

WHAT IS NOT COVERED BY THIS WARRANTY

Hoist's sole obligation under this warranty is limited to either repair or replacement of parts, subject to the additions below. This warranty neither assumes nor authorizes any person to assume obligations other than expressly covered by this warranty.

NO CONSEQUENTIAL DAMAGES. Hoist is not responsible for economic loss; profit loss; or special, indirect, or consequential damages.

WARRANTY IS NOT TRANSFERABLE. This warranty is not assignable and applies only in favor of the original purchaser/user to whom delivered. Any such assignment or transfer shall void the warranties herein made and shall void all warranties, expressed, implied or statutory, except the one (1) and five (5) year warranties described above. These warranties are exclusive and in lieu of all other warranties, including implied warranty and merchantability or fitness for a particular purpose. There are no warranties which extend beyond the description on the face hereof.

TRANSPORTATION COSTS. Hoist will accept parts covered under this warranty freight collect, provided that shipment has received prior approval. Hoist is not responsible for any other transportation costs, but will ship freight collect parts either repaired or replaced under these warranties.

Hoist Fitness Systems
9990 Empire St. #130
San Diego, CA. 92126
(800)548-5438

PLEASE KEEP THIS FOR YOUR RECORDS